

DR. CARREL HEALS WOUNDS IN A DAY BY NEW DISCOVERY

Also He Can Mend a Broken
Bone in Four Days as
Result of Experiments.

SPEEDS TISSUE GROWTH.

Got His Idea Through Dis-
covery of Artificial Produc-
tion of Sea Urchins.

As his New Year's gift to humanity, Dr. Alexis Carrel of the Rockefeller Institute for Medical Research announces a discovery from which he predicts that in future broken bones can be put right in four days and wounds made to heal in less than one day. Dr. Carrel was winner of the Nobel Prize for Medicine last year.

The results he has obtained in the experiments connected with his discovery are described as not merely wonderful but absolutely miraculous. His discovery gives surgery such control over death that doctors regard it as one of the most important ever made.

He has found that wounds which now take forty days to heal can be healed in a few hours. The same success is obtained even where large areas of tissue have been destroyed by disease. More astounding still, vital organs of the body can be made to regrow themselves so rapidly that diseased or injured portions can be cut away and the organ will completely reform itself within a period during which life can be maintained artificially.

Dr. Carrel has been working on this new process of regeneration ever since Prof. Jacques Loeb's discovery in 1907 that, by a slight change in the composition of the sea water used, sea urchins could be artificially produced from unimpregnated eggs. That gave him the idea that if non-sexual reproduction could be induced simply by modification of the medium in which the cells were placed, it might be possible similarly to cause the multiplication of the cells of human tissues.

His discovery is based on this promotion of proliferation in the cells forming the tissue of the organs of the body. He found that by applying to a wound a pulp made from the macerated organs of an animal, he increased the speed of the growth of new tissue and made it thirty times faster than had ever been obtained by any other process.

Later he made the strange discovery that the most active pulp is obtained from embryonic tissue. This increased the speed of the growth forty times.

In his announcement Dr. Carrel says that if the rate of regeneration of tissues be activated only ten times, a cutaneous wound would heal in less than twenty-four hours and a fracture of the leg would be cured in four or five days. He admits that the results obtained surprised him and far exceeded his expectations, since use of the right extract causes an activation of forty times instead of the ten which was the most he had felt able to hope for.

HER CLOTHING ABLAZE, LITTLE GIRL DASHES TO STREET IN TERROR

Pursued by Mother and Police-
man, Who Arrive Too
Late to Save Her.

Mary Hampel, seven years old, of No. 328 Division street, Williamsburgh, was fatally burned this morning. The child's mother was badly burned also, the face, hands and arms in trying to save her.

Mrs. Hampel had occasion to go downstairs at 7:30 o'clock leaving the little tot dressing for school. Mary went into a wardrobe to select her dress. It was dark in there and she lighted a match. A rush of air carried the light to her waist and the fluffy material was ablaze in a moment.

The child ran screaming down the stairs and into the street, the flames being fanned by the wind and spreading all over her clothing as she ran. The mother ran after her crying for her to stop. Mrs. Hampel overtook the child on the sidewalk and beat the flames with her hands. Across the street in the Cuyler street police station Lieutenants Munday and Harrington were preparing to go off duty. They heard the screams of Mary and her mother and rushed to her aid.

The policemen wrapped their blowses about the woman and child and around the flames. A hurry call was sent for the Eastern District Hospital ambulance and Dr. Paskey accompanied the wagon. He pronounced the injuries of Mary fatal and took her and her mother to the hospital.

B. R. T. DOUBLES CAPITAL.

ATBANY, Jan. 3.—The Brooklyn Rapid Transit Company today certified to the Board of State that it has increased its capital from \$15,000,000 to \$30,000,000. C. H. Menely, Vice-President and Treasurer of the company, filed a statement that the increase was necessary for conversion into capital stock of the company's bonds.

Sembrich Gives Of Her Best in Second Recital

BY SYLVESTER RAWLING.

MARCELA SEMBRICH got a greeting from a distinguished audience at Carnegie Hall yesterday afternoon in which the note of affection could not be mistaken. What she was moved deeply, everybody could see. Some of her earlier songs suffered a bit from her emotion. In the middle of her recital, which was her second of the season, the usual tribute of flowers and beautiful flowers were handed to her across the footlights. At the end there was a significant demonstration. After she had added to her programme that playing Scandinavian song about calling the cattle home that Jenny Lind used to sing, and "Gone With the Wind," and still the demand for more was insistent, she said and acted "Go Home!" But the audience never budged. Men and women shouted to her, while those nearest addressed her familiarly, exhorting and beseeching. Of course, she had to yield. Pulling off her gloves and sitting down to the piano, she sang to her own accompaniment "The Maiden's Wish," as she always has done and must keep on doing as long as she continues to sing in public.

It would not be true to say that Mrs. Sembrich's voice is as good as it ever was; but it is a beautiful voice, and the art with which she uses it is an object lesson to singers and a delight to music lovers. She divided her programme into four groups. The first of old airs and songs, included compositions by Beethoven, Mozart and Handel, the "O, Sleep" of the latter's winning special favor. The second, classic German lieder, was devoted to Schubert, Cornelius and Schumann, of which the latter's "Stille Tränen" had to be repeated. Next came modern German lieder, which held examples of Schilling, Hugo Wolf, Orff and Richard Strauss. Finally there was a group of French, Russian and English songs by Cesar Franck, Rachmaninoff, Foote and Frank La Forge. The latter is Mrs. Sembrich's accompanist, and a wonderfully effective one. His "Spook" was demanded a second time, and Mrs. Sembrich made him share the applause with her.

PHILHARMONIC HONORS A FIFTIETH ANNIVERSARY.

The Philharmonic Society's concert in Carnegie Hall last evening was partly in commemoration of the fiftieth anniversary of the Proclamation of Emancipation. For this Mr. Stranek had selected Dvorak's familiar and beautiful "From the New World" symphony and Samuel Coleridge Taylor's rhapsodic dance, "Bamboula." Mr. Taylor, who died last September, was the son of an African—Sierra Leone physician—and an English woman. He visited America twice and was much interested in the folk songs of the American negro. His "Bamboula" is dedicated to Mr. and Mrs. Carl Stoeckel, founders of the Norfolk (Conn.) Festival. The symphony was very well played, the whole orchestra being called to its feet after the large in response to the applause. Before this, a strident, laughing interruption had been heard.

Mendelssohn's "Maline" overture was the first number. Then came the Brahms concerto for violin and cello, with Henry P. Schmitt, the concertmaster, and Leo Schuss as soloists. The composition is attractive and was well played by both artists, although at times the cello seemed to outweigh the vio-

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surplus of starch; meats are often deplored of much of their nutritive quality; the soil is depleted of the elements of life. We do not obtain the natural ripened fruits and vegetables, hence the stomach requires assistance to digest the system is overworked, the natural material and take care of fruit acids that Nature had no chance to convert into grape sugar. So we need more of the natural food, the natural food, and preservative properties which ripened vegetation should give us. This deficiency is made up by Stuart's Dyspepsia Tablets, and is the only way to have stomach health under modern conditions.

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Mr. Schmitt was reported to be using a new instrument. The ballet music and the entr'acte from Schubert's "Rosamunde" were charmingly played.

A NEW DE NEVERS HEARD IN "THE HUGUENOTS."

There was a repetition of "The Huguenots" at the Metropolitan Opera House last night before a crowded house. The performance held far more spirit than that of the revival a week ago. Pledge Thompson, at the Queen, showed more volume of voice and had taken on something of distinction. Caruso as Raul and Emma Destina as Valentine made the final duet powerfully affecting. There was a new De Nemours Dini Gilly, instead of Scott. He was effective and sang well. Leon Robison as Saint-Brice; Idur, as Marcel, and Bella Allen, as the Page, seemed to have gained in assurance.

Pardons 30 More Convicts.

LITTLE ROCK, Ark., Jan. 3.—Gov.

The choruses were sung exceptionally well, and Mr. Polacco conducted with power.

CAPT. WALSH CRITICALLY ILL.

Commander of Harlem Precinct

Takes Turn for Worse.

It was said today at the home of Police Capt. Thomas W. Walsh, who has been ill since charges of graft were made in connection with notes in the precinct covered by the East One Hundred and Twenty-sixth street station, of which he had command, that he had spent a bad night and still was sinking. Capt. Walsh lives at No. 153 Madison avenue.

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Donaghey has pardoned twenty-six more convicts, bringing his total for the last month up to 326.

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and hoarse-

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